



METHOD FOR DETERMINING SIGNALS IN MIXED SIGNAL SYSTEMS
 Vandersteen et al.
 Appl. No.: 09/591,026 Atty Docket: IMEC211.001AUS

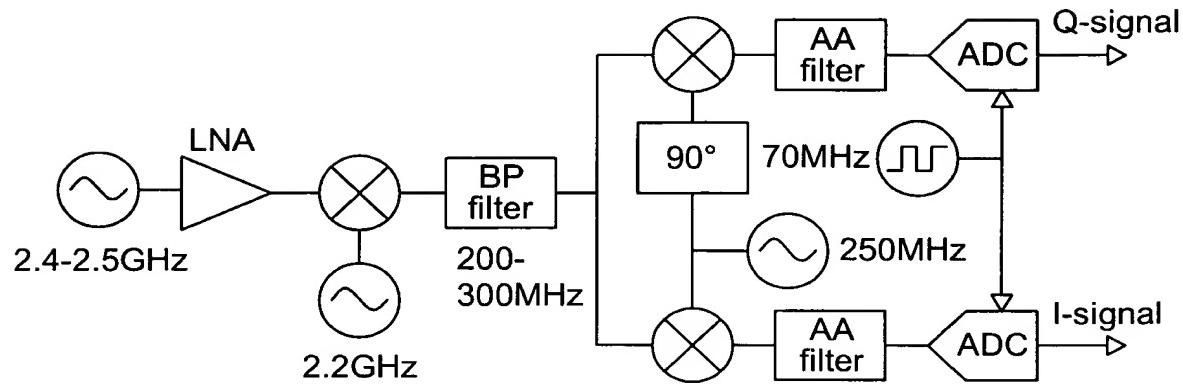


FIG. 1

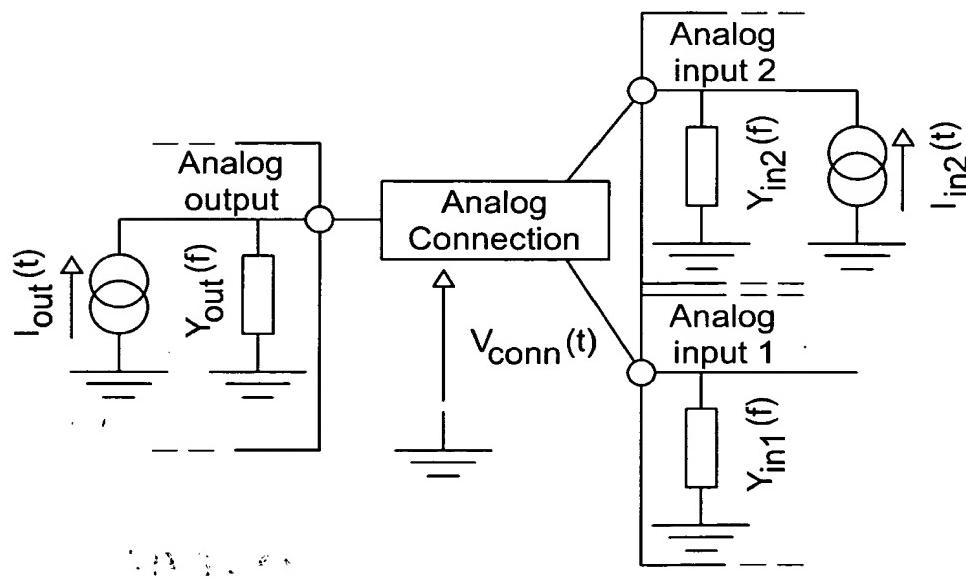
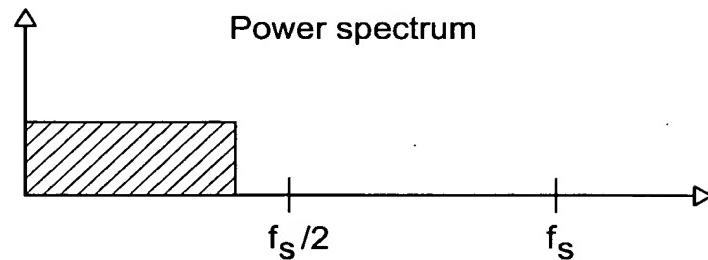


FIG. 2



Baseband representation



Equivalent low-pass representation

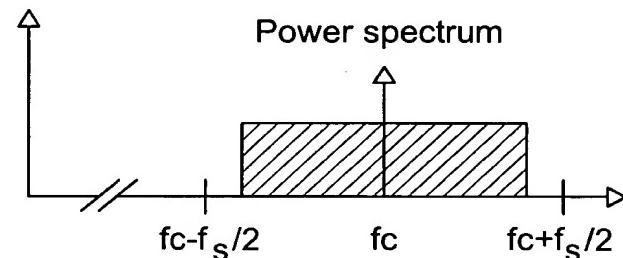


FIG. 3

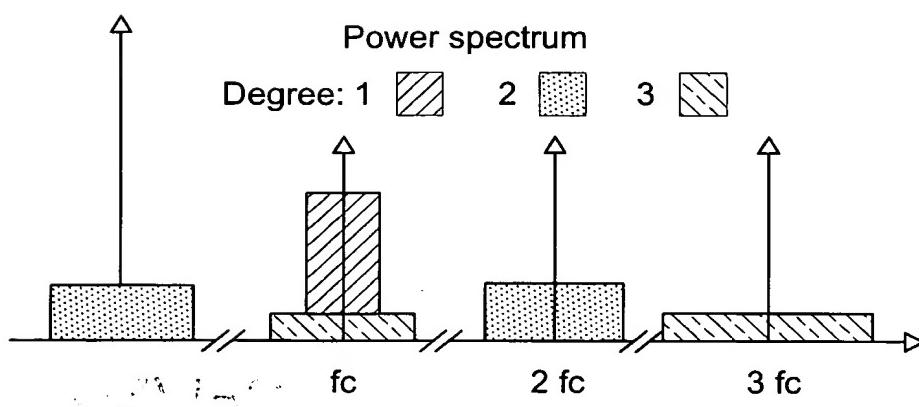


FIG. 4

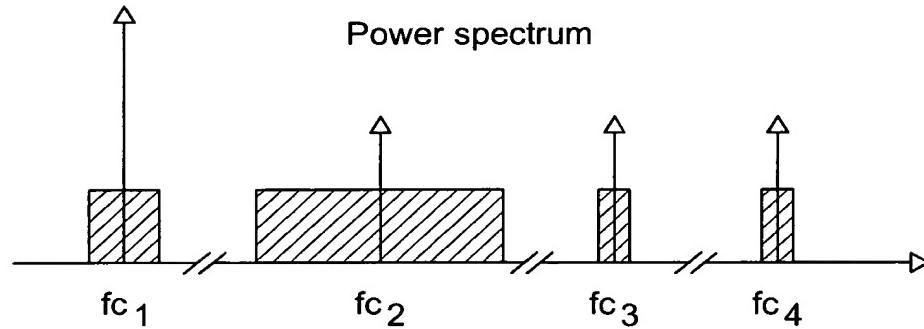


FIG. 5

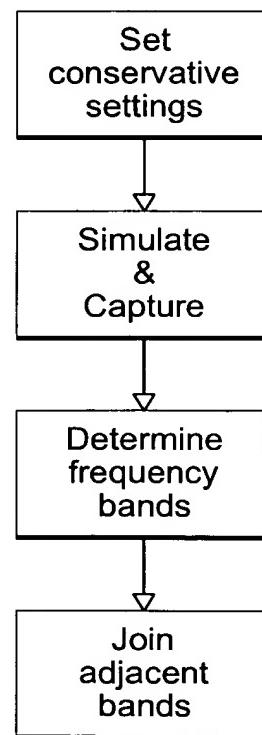


FIG. 6



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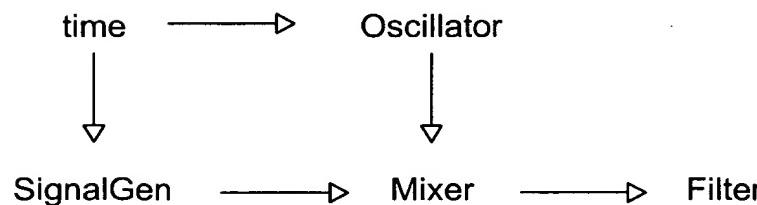


FIG. 7

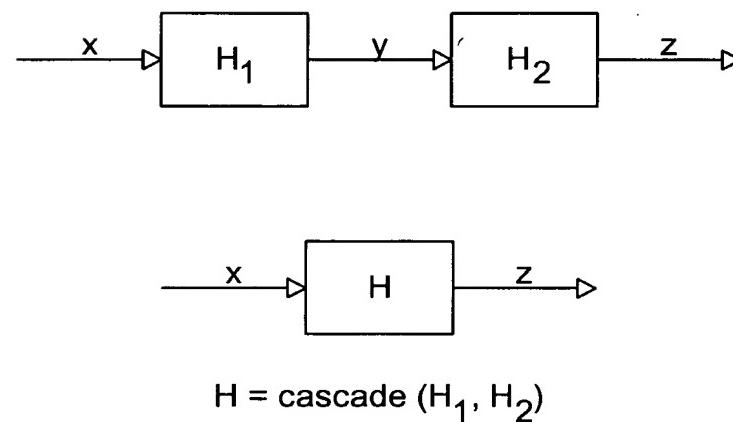


FIG. 8

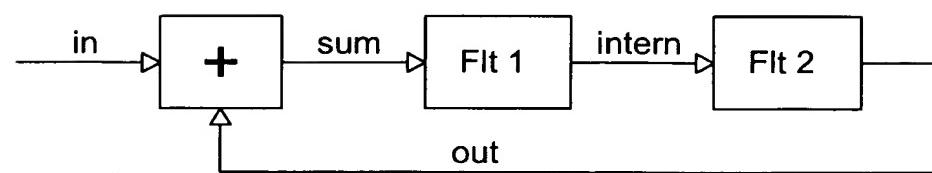


FIG. 9



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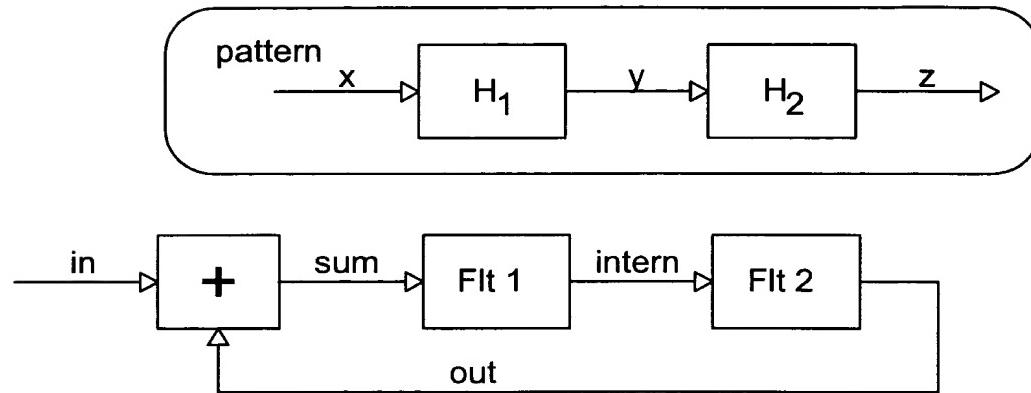


FIG. 10

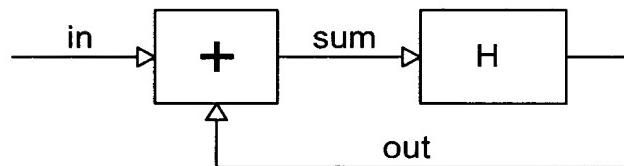


FIG. 11

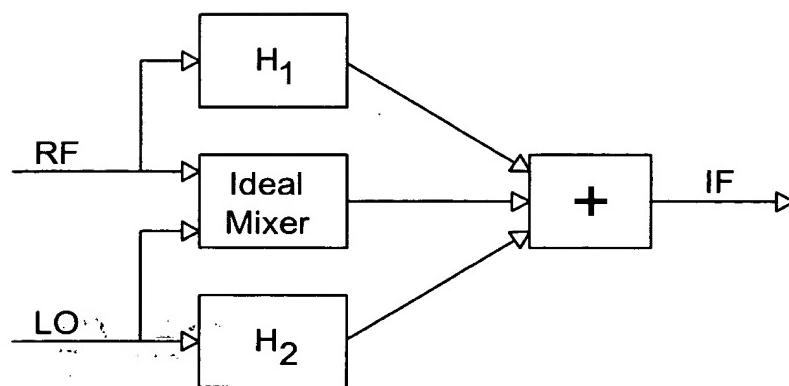


FIG. 12

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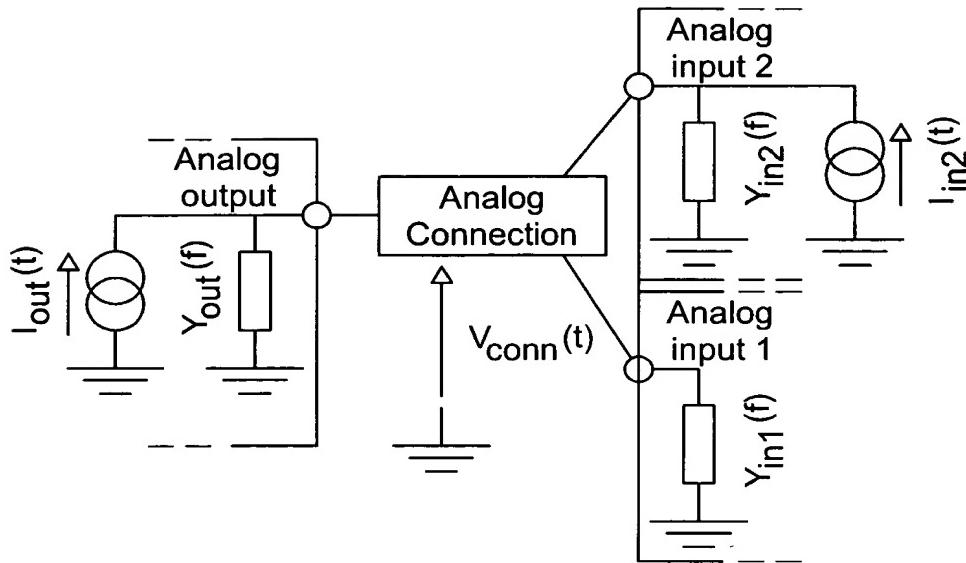


FIG. 13

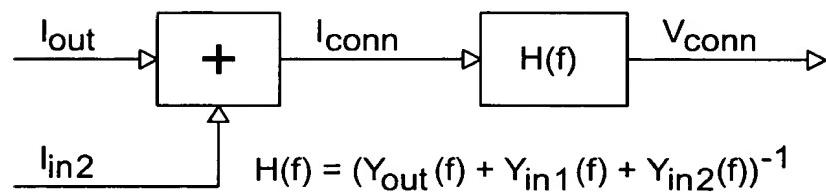


FIG. 14

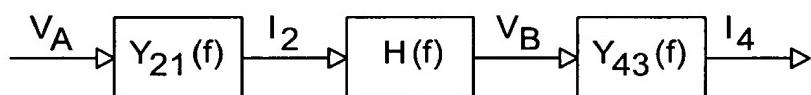
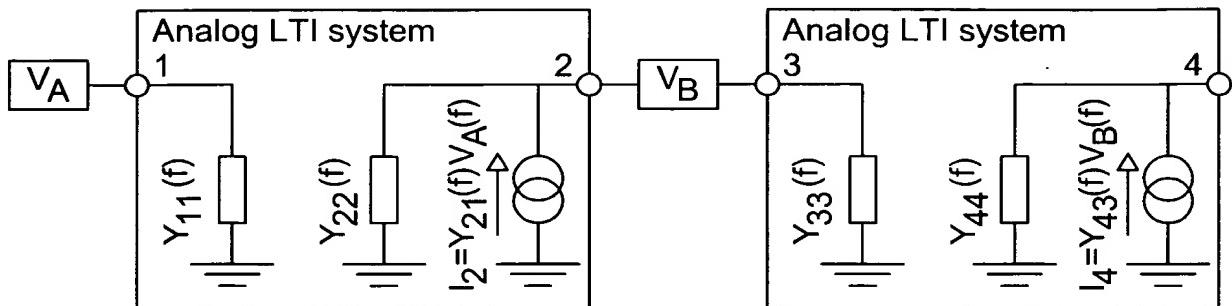


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$$H(f) = (Y_{22}(f) + Y_{33}(f))^{-1}$$

FIG. 15

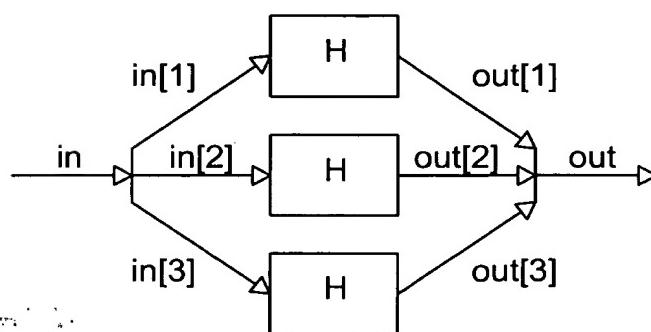
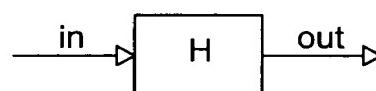


FIG. 16

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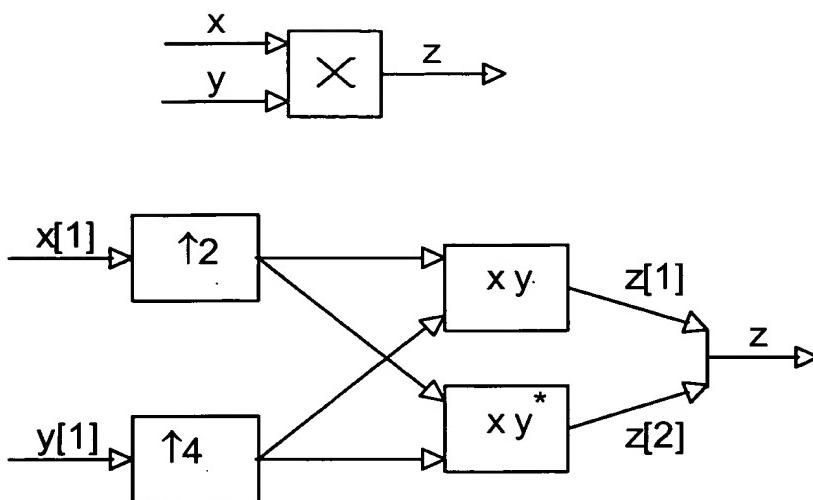


FIG. 17

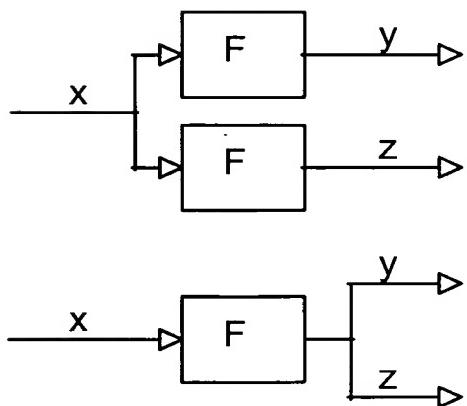


FIG. 18



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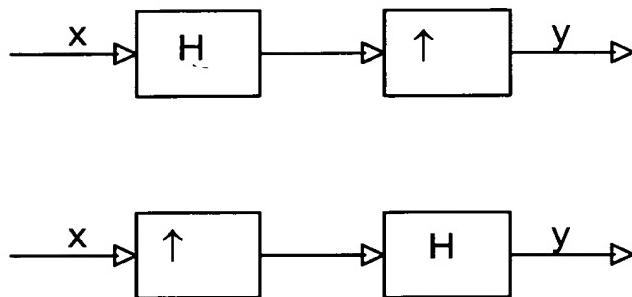


FIG. 19

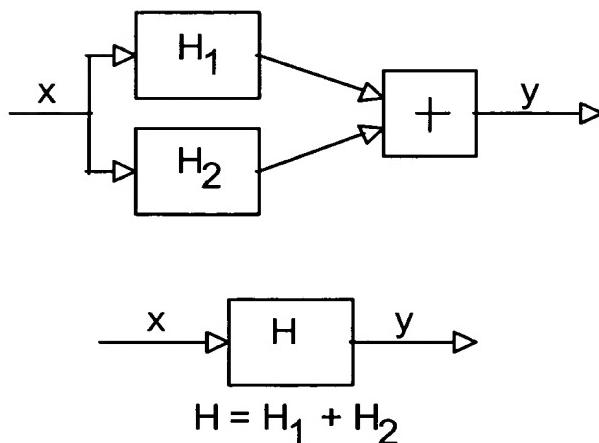
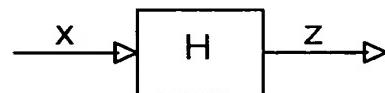
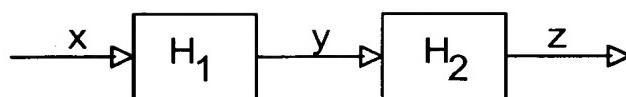


FIG. 20

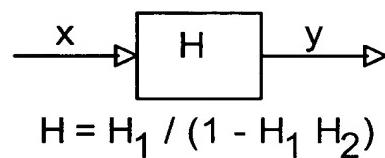
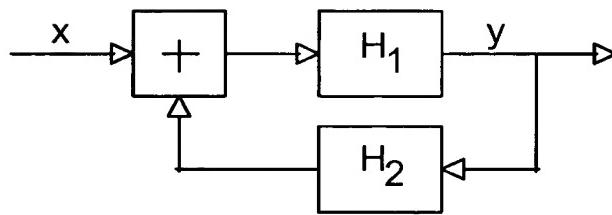


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$$H = \text{cascade } (H_1, H_2)$$

FIG. 21



$$H = H_1 / (1 - H_1 H_2)$$

FIG. 22



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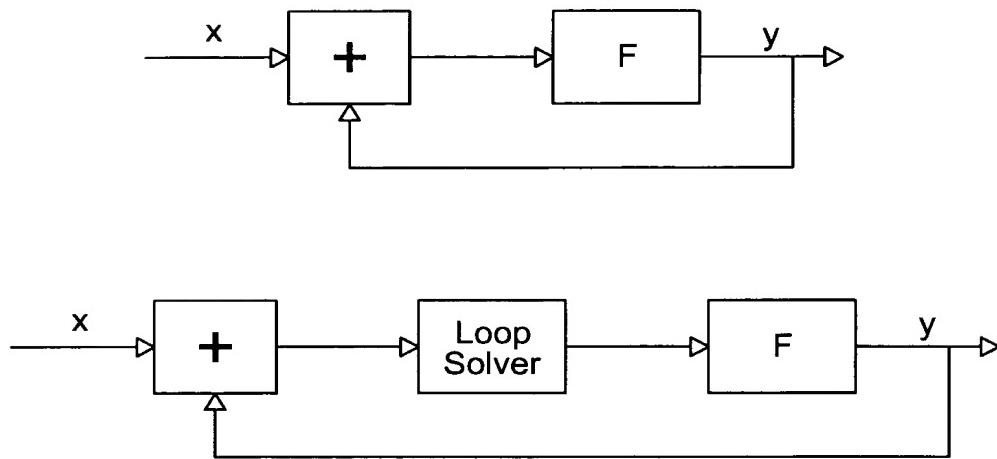
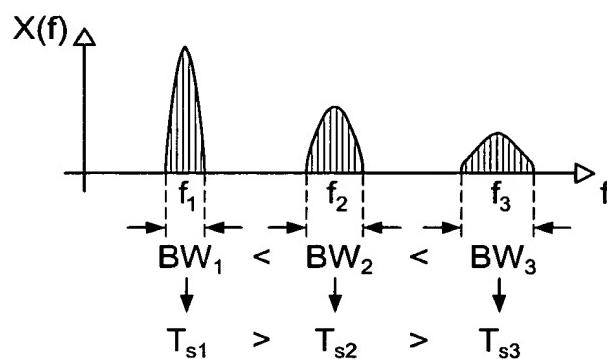


FIG. 23



Spectral representation of an MRMC signal

FIG. 24



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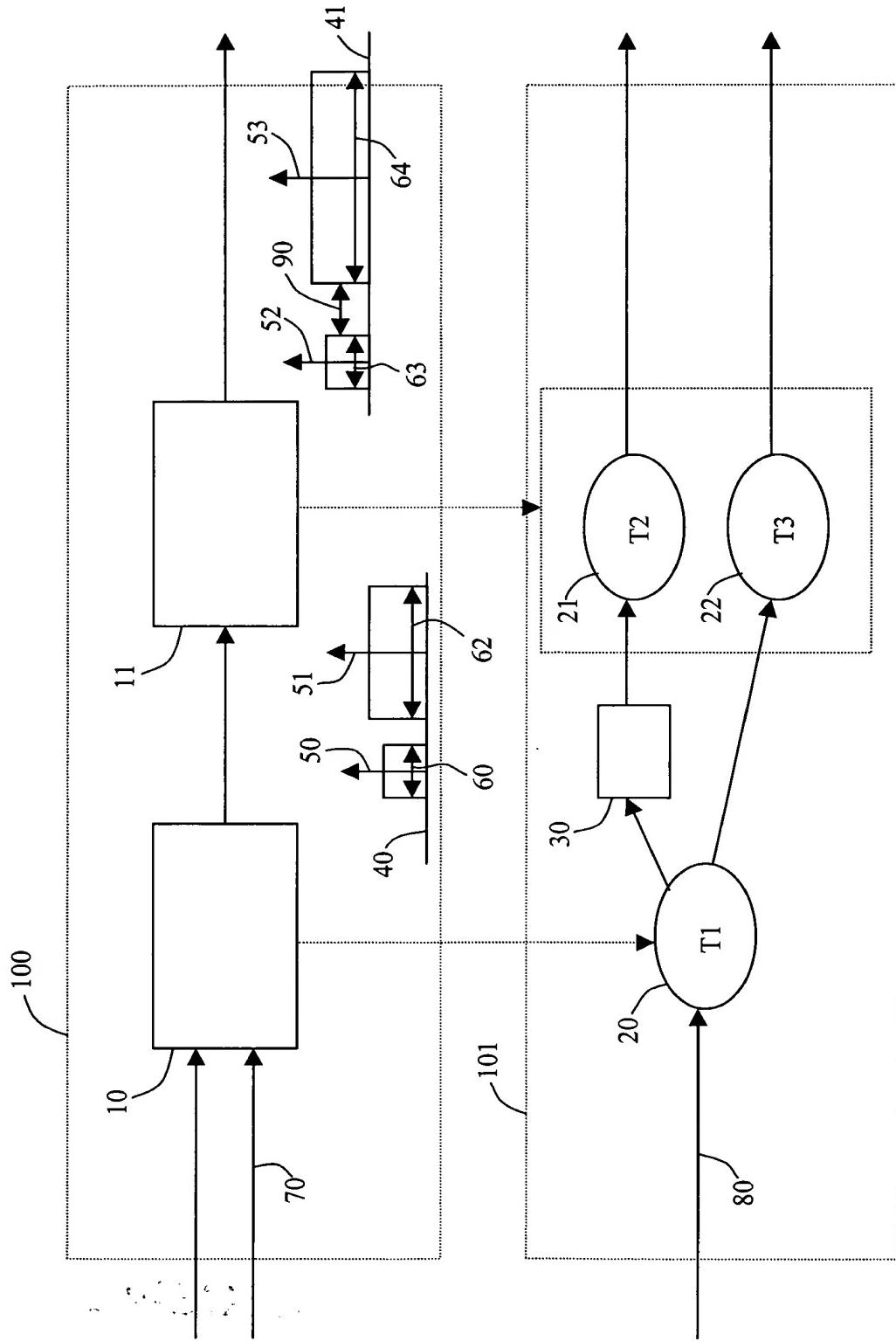


FIG. 25



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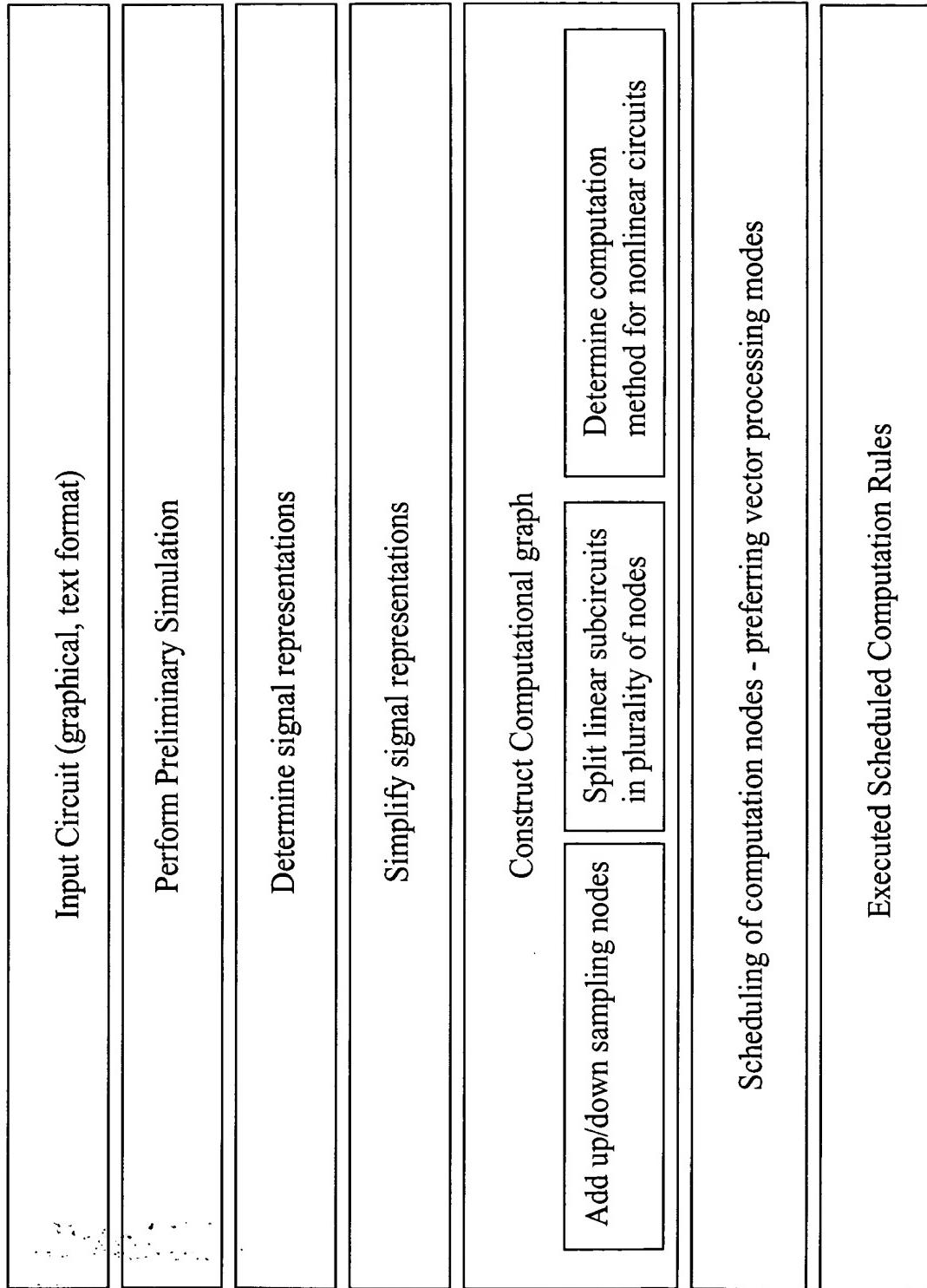
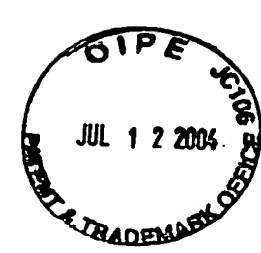
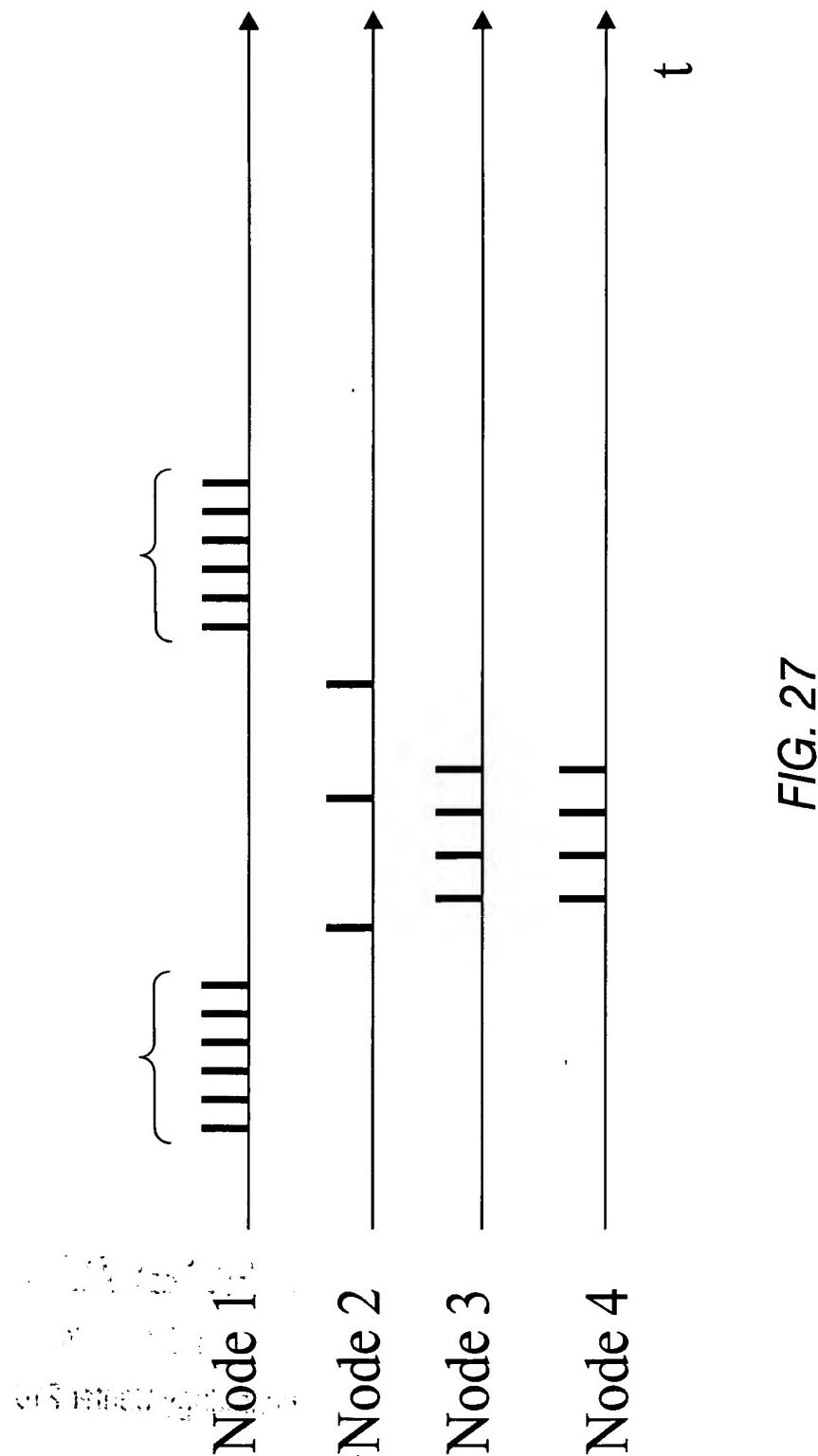


FIG. 26



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F/G. 27